



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/032,994	10/29/2001	Chi-Ti Kao	UPA-01210	9226

33804 7590 09/11/2003  
SUPREME PATENT SERVICES  
POST OFFICE BOX 2339  
SARATOGA, CA 95070

EXAMINER

KIM, HAROLD J

ART UNIT	PAPER NUMBER
----------	--------------

2182

DATE MAILED: 09/11/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/032,994

Applicant(s)

CHI-TI KAO

Examiner

Harold Kim

Art Unit

2182

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 09 October 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

### DETAILED ACTION

1. Claims 1-10 are presented for examination.

#### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. **Claims 1-6 and 8-10 are rejected under 35 U.S.C. 102(e) as being anticipated by Kodama, US Patent no. 6,249,275.**

4. In re claim 1, Kodama shows a handwriting [fig 2] and video input function [23, fig 1] included portable electronic device [fig 1] to be employed for downloading or uploading data [423, fig 1] from or to an electronic machine, including:

a tablet screen [28] for receiving input signals of a stylus [51];

a multimedia input/output unit [23, 24, 25, 282, 32, 41] for input and output of multimedia audio/video signals;

a wireless transceiver unit [42] for uploading received data of the tablet screen or the multimedia I/O unit to the electronic machine and downloading data from the electronic machine for output via the multimedia I/O unit; and

a data input/output (I/O) controller [41; col 7, lines 18-53; col 9, line 33 to col 10, line 7] being a flash memory controller [col 7, lines 18-53] employed to control the tablet screen, the multimedia I/O unit, and the wireless transceiver unit for transmitting data

received by the tablet screen of by the multimedia I/O unit to the electronic machine via the wireless transceiver unit, of transmitting the data received by the wireless transceiver unit from the electronic device for output via the multimedia I/O unit.

5. In re claim 2, Kodama shows a Desktop computer capable of performing wireless data transmission [fig 1].

6. In re claim 3, Kodama shows a tact LCD panel [28, fig 1].

7. In re claim 4, Kodama shows a handwriting-input digital tablet [281, 51, 28].

8. In re claim 5, Kodama shows an IR transceiver unit [423].

9. In re claim 6, Kodama shows an IR controller [423].

10. In re claim 8, Kodama shows a video signal I/O module [23, 282].

11. In re claim 9, Kodama shows an audio signal I/O module [25, 32].

12. In re claim 10, Kodama shows a flash memory controller [33; 41; col 7, lines 18-53; col 9, line 33 to col 10, line 7].

### ***Claim Rejections - 35 USC § 103***

13. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

14. **Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kodama, US Patent no. 6,249,275, as applied to claims above.**

Art Unit: 2182

15. In re claim 7, Kodama does not show a radio transceiver. Official Notice is taken that both the concept and the advantages of providing for a radio transceiver are old and well known in the art. Therefore, it would have been obvious to the ordinary skilled person in the art at the time the invention was made to include the radio transceiver since it would provide long range of wireless communication.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Further references of interest are cited on Form PLO-892, which is attachment to this office action.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

or faxed to:

(703) 872-9306 for regular communications (for informal or draft communications, please label "PROPOSED" or "DRAFT").

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Fourth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application should be directed to the technology center receptionist whose telephone number is (703) 306-5631.

Art Unit: 2182

Direct any inquiries concerning drawing review to the Drawing Review Branch  
(703) 305-8404.

Any inquiry concerning this communication or earlier communications from the  
examiner should be directed to Harold Kim whose telephone number is (703) 305-1948.  
The examiner can normally be reached on Monday-Thursday 6 AM - 4:30 PM.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's  
supervisor, Jeffrey Gaffin can be reached on (703) 308-3301.

HC

Harold J. Kim

Patent Examiner

September 8, 2003/HK

  
KIM HUYNH  
PRIMARY EXAMINER  
9/8/03